## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor:

John Mark Sutton

Serial No.:

10/599,098

Examiner: To Be Assigned.

International

Filing Date:

March 22, 2005

Group Art Unit: 1657

Title:

**BIOLOGICAL INDICATOR** 

Confirmation No.: 4054

## INFORMATION DISCLOSURE STATEMENT

M.S. – Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. § 1.56, Applicants request that citation and examination of the references identified on the attached Form PTO-1449, required copies of which are enclosed herewith in accordance with 37 C.F.R. §1.98, be made during the course of examination of the above-referenced application for United States Letters Patent.

Evan Law Group, LLC 600 West Jackson Suite 625 Chicago, IL 60661 (312) 876-1400 Paul E. Rauch, Ph.D., Registration No. 38,591

Respectfully submitted,

Form PTO-1449 (Rev. 8-88)	Attorney Docket No. MSQ01-007-US	Serial No. 10/599,098	
	First Named Inventor John Mark Sutton		
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	International Filing Date: March 22, 2005	Group: 1657	

			U.S. P#	ATENT DOCUMENTS			
Examiner Initials*		Dogument Number	Dete	Nama			Filing Date
		Document Number	Date	Name Name	Class	Subclass	Appropriate
	<b>Z</b> 1	4,584,272	04/1986	lmahori, et al.			
	Z2	4,608,335	08/1986	Fossati			
	<b>Z</b> 3	2003/0162243	08/2003	Foltz, et al.			
	Z4	5,418,167	05/1995	Matner, et al.			

			FOREIGN	PATENT DOCUMENTS				
Examiner Initials*		Dogument Number	Dete					lation
		Document Number	Date	Country	Class	Subclass	Yes	No
	Y1	WO 2004/003226	01/2004	wo				
	Y2	WO 00/46357	08/2000	wo				
	Y3	WO 02/053723	07/2002	wo				
	Y4	JP 57065184	04/1982	JP				
	Y5	WO 02/033056	04/2002	wo				

Examiner		OTHER ITEMS - NON PATENT LITERATURE DOCUMENTS
Initials*		Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages
	X1	Aflalo, C., et al., "Continuous monitoring of adenosine 5'-triphosphate in the microenvironment of immobilized enzymes by firefly luciferase", Biochemistry, vol. 26, pp. 3913-3920, (1987).
	X2	Burdette, D.S., et al., "Effect of thermal and chemical denaturants on thermoanaerobacter ethanolicus secondary-alcohol dehydrogenase stability and activity", Enzyme and Microbial Technology, vol. 27, pp. 11-18, (2000).
	Х3	Crameri, A., et al., "Improved green fluorescent protein by molecular evolution using DNA shuffling", Nature Biotechnology, vol. 14, pp. 315-319, (1996).
	X4	Criswell, A.R., et al., "Structures of thermophilic and mesophilic adenylate kinases from the genus methanococcus", J. Mol. Biology, vol. 330, pp. 1087-1099, (2003).
	X5	Daniel, R.M., et al., "A correlation between protein thermostability and resistance to proteolysis", Biochem J., vol. 207, pp. 641-644, (1982).
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	Х7	Hayashi, T., et al., "Analyses of biochemical substances by the use of immobilized pyruvate kinase and lactate dehydrogenase", Rept. National Food Research Institute, no. 40, pp. 102-105, (1982).
	X8	International Preliminary Report on Patentability for PCT application number PCT/GB2005/001056 dated June 13, 2006.

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Х9	International Search Report and Written Opinion for PCT application number PCT/GB2005/001056 dated September 12, 2005.
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